

## Caledonian

Telephone Cables www.caledonian-cables.com

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#### SPECIAL TELEPHONE CABLES

PE Insulated Air Core/Jelly Filled Paired Railway Signalling Cables (RF 0.3) TP365-2Y2Y(CTS)2Y(DSTA)Y14P14-RF03





#### **APPLICATIONS**

The cables are used as basic access for ISDN services in central office wiring and cabling for ISDN basic access installation.

#### **STANDARDS**

ER.f5.058

#### CABLE CONSTRUCTION

Conductors: Solid annealed bare copper as per ASTM B-3/IEC 60228 class 1.

Insulation: Solid polyethylene as per ASTM D 1248/IEC 60708.

Twisted Pairs: Insulated conductors are twisted into pairs with varying lays to minimize crosstalk.

Cable Core Assembly: The pairs are cabled together in layers of 12, 13 & 25 pair unit to form the cable core. Units are identified by colour coded binders.

Core Wrapping: One or more non-hygroscopic polyester tapes are helically or longitudinally laid with an overlap.

Ripcord (optional): Nylon ripcord may be placed parallel to the cores to facilitate sheath removal.

Sheath: PE/PVC/LSZH.

#### **COLOUR CODE**

Standard colour code is per BT CW 110J given in Colour Code Chart.

#### PHYSICAL AND THERMAL PROPERTIES

Temperature range during operation (fixed state):  $-30^{\circ}\text{C} - +70^{\circ}\text{C}$ Temperature range during installation (mobile state):  $-20^{\circ}\text{C} - +50^{\circ}\text{C}$ 

Minimum bending radius: 15 x Overall Diameter

### **DIMENSION AND PARAMETERS**

Caledonian Cable Code	No. of Pairs	Conductor Size				Nominal Inner Sheath Thickness	Nominal Outer Sheath Thickness	Nom. Overall Diameter	Approx. Weight
		mm²	mm	mm	mm	mm	mm	mm	kg/km



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TP365	14	1.539	1.4	0.65	2.7	1.6	1.8	32.8	2525
-2Y2Y									
(CTS)2Y									
(DSTA)Y									
14P14-									
RF03									